AMENDMENT TRANSMITTAL **PATENT** Application No.: 10/632,944 Filing Date: July 31, 2003 First Named Inventor Shahriar Ahmed Examiner's Name: Fetsum Abraham Art Unit: 2826 Attorney Docket No.: 42P10970D An Amendment After Final Action (37 CFR 1.116) is attached and applicant(s) request expedited action. Charge any fee not covered by any check submitted to Deposit Account No. 02-2666. Applicant(s) hereby request and authorize the U.S. Patent and Trademark Office to (1) treat any concurrent or future reply that requires a petition for extension of time as incorporating a petition for extension of time for the appropriate length of time and (2) charge all required fees, including extension of time fees and fees under 37 CFR 1.16 and 1.17, for any concurrent or future reply to Deposit Account No. 02-2666. Applicant(s) claim small entity status (37 CFR 1.27). **ATTACHMENTS Preliminary Amendment** Х Amendment/Response with respect to Office Action Amendment/Response After Final Action (37 CFR 1.116) (reminder: consider filing a Notice of Appeal) Notice of Appeal RCE (Request for Continued Examination) Supplemental Declaration Terminal Disclaimer (reminder: if executed by an attorney, the attorney must be properly of record) Information Disclosure Statement (IDS) Copies of IDS citations Petition for Extension of Time Χ Fee Transmittal Document (that includes a fee calculation based on the type and number of claims) Cross-Reference to Related Application(s) Certified Copy of Priority Document Other: Other: Check(s) \$172.00 X Postcard (Return Receipt) SUBMITTED BY: BLAKELY SOKOLOFF TAYLOR & ZAFMAN & TYPED OR PRINTED NAME: SIGNATURE:. _ REG. NO.: 45,628 DATE: _ June 10, 2004 ADDRESS: 12400 Wilshire Boulevard, Seventh Floor Los Angeles, California 90025 TELEPHONE NO.: (408) 720-8300 CERTIFICATE OF MAILING BY FIRST CLASS MAIL (if applicable)

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on June 10, 2004

Express Mail Label No. (if applicable):

Signature

Michelle Begay



FEE TRANSMITTAL FOR FY 2004 (FY 2004 Begins 10/01/2003) TOTAL AMOUNT OF PAYMENT (\$) \$172.00 Complete In In It Application No. 10/632.944 Filing Date July 31, 2003 First Named Inventor Shahriar Ahmed Examiner Name ___ Fetsum Abraham Art Unit 42P10970D Attorney Docket No. Applicant claims small entity status. See 37 CFR 1.27. **METHOD OF PAYMENT** (check all that apply) X Check Credit Card ____ Money Order ____ Other X Deposit Account Deposit Account Number: 02-2666 **Deposit Account Name:** X The Director is Authorized to do the following with respect to the above-identified Deposit Account: Charge fee(s) indicated below. Credit any overpayments. Charge any additional fees during the pendency of this application. Any concurrent or future reply that requires a petition for extension of time should be treated as incorporating an appropriate petition for extension of time and all required fees should be charged. Charge fee(s) indicated below except for the filing fee. **FEE CALCULATION** 1. BASIC FILING FEE Large Entity **Small Entity** Fee Fee Fee Fee Fee Description Fee Paid Code Code (\$) (\$) Utility application filing fee 1001 770 2001 385 Design application filing fee 1002 340 2002 170 Plant filing fee 530 1003 2003 265 Reissue filing fee 1004 385 770 2004 Provisional application filing fee 1005 160 2005 80 SUBTOTAL (1) \$____ 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE Fee from Extra Claims below Fee Paid Total Claims _ 12 Independent Claims _5_ 172.00 Multiple Dependent **Or number previously paid if greater: For Reissues, see below

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Large Entity		Small Entity		
Fee	Fee	Fee	Fee	
Code	(\$)	Code	(\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	. 43	**Reissue independent claims over original patent
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent
i				

SUBTOTAL (2) \$ 172.00

FEE CALCULATION (continued)									
3. A	DDITIONA	L FEES							
Large	Entity	Small E	intity						
Fee	Fee	Fee	Fee						
Code	(\$)	Code	(\$)	Fee Description	Fee Paid				
051	130	2051	65	Surcharge - late filing fee or oath					
052	50	2052	25	Surcharge - late provisional filing fee or cover sheet					
053	130	1053	130	Non-English specification					
812	2,520	1812	2,520	For filing a request for ex parte reexamination					
813	8,800	1813	8,800	Request for inter parties reexamination					
1804	920*	1804	920*						
805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action					
251	110	2251	55	Extension for reply within first month					
252	420	2252	210	Extension for reply within second month					
253	950	2253	475	Extension for reply within third month					
1254	1,480	2254	740	Extension for reply within fourth month					
255	2,010	2255	1,005	Extension for reply within fifth month					
1401	330	2401	165	Notice of Appeal					
402	330	2402	165	Filing a brief in support of an appeal					
403	290	2403	145	Request for oral hearing					
451	1,510	1451	1,510	Petition to institute a public use proceeding					
452	110	2452	55	Petition to revive – unavoidable					
453	1,330	2453	665	Petition to revive - unintentional					
501	1,330	2501	665	Utility issue fee (or reissue)					
502	480	2502	240	Design issue fee					
503	640	2503	320	Plant issue fee					
460	130	1460	130	Petitions to the Commissioner	<u> </u>				
807	50	1807	50	Processing fee under 37 CFR 1.17(q)					
806	180	1806	180	Submission of Information Disclosure Stmt					
3021	40	8021	40	Recording each patent assignment per					
		0000	205	property (times number of properties)					
1809	770	2809	385	For filing a submission after final rejection					
1044	440	2044		(see 37 CFR 1.129(a))					
1814	110	2814	55 205	Statutory Disclaimer For each additional invention to be examined					
810	770	2810	385						
004	770	0004	205	(see 37 CFR 1.129(b))					
801	770	2801	385	Request for Continued Examination (RCE)					
802	900	1802	900	Request for expedited examination of a design					
EO4	200	1504	200	application Publication for early voluntary or normal pub					
504	300	1504 1505	300 300	Publication fee for early, voluntary, or normal pub. Publication fee for republication					
505	300 130	1505 1803	300 130	Request for voluntary publication or republication					
808 808	130	1803	130	Processing fee under 37 CFR 1.17(i) (except provisionals)	·				
454	1,330	1454	1,330	Acceptance of unintentionally delayed claim for priority					
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	fee (specif								
Other	fee (specif	y)							
D. d	and by Pani-	Eilina Ess	Paid	SUBTOTAL (3) \$ <u>0</u>	0.00				
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	MITTED BY	_		(C)					
Typed or Printed Name: Mirni Diemmy Dao									
zian.	Signature: Image: Date: June 10, 2004 Reg. Number: 45,628 Telephone Number: (408) 720-8300								
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

	In re Applica	tion of:)								
		Shahriar Ahmed	į	~ .							
,	Serial No.:	10/632,944)	Examiner:	Fetsum Abraham						
	Filed:	July 31, 2003)	Art Unit:	2826						
	For: Super Self-Aligned Collector Device) FOR MONO-AND HETERO BIPOLAR) JUNCTION TRANSISTORS, AND METHOD OF) MAKING SAME)										
	Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450										
	<u>AMENDMENT</u>										
	Sir:		٠								
•	In response to the Office Action mailed April 15, 2004, Applicants respectfully										
	request the Examiner to enter the following amendments and consider the following remarks										
	FIRST CLASS CERTIFICATE OF MAILING										
	I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231										
	on June 10, 2004										
	Date of Deposit										
	Michelle Begay Name of Person Mailing Correspondence										
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	wche	lle Beg	June 10	, 2004 Date	***						
		21811974.c		Date	,						
06/21/2004 BSF	YASI1 00000038 10	632944									

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